

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PU 030084	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US04/07806	International filing date (day/month/year) 12 March 2004 (12.03.2004)	Priority date (day/month/year) 14 March 2003 (14.03.2003)
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 17/30; 7/00 and US Cl.: 707/9		
Applicant THOMSON LICENSING S A		
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>1</u> sheets.</p> <p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input checked="" type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>		
Date of submission of the demand 14 June 2005 (14.06.2005)	Date of completion of this report 29 March 2005 (19.03.2005)	
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer Safet Metjahic Telephone No. 703-305-3900	

Form PCT/IPEA/409 (cover sheet)(July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US04/07806

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed.
- ☒ the description:
pages 1-25 as originally filed
pages non, filed with the demand
pages Non, filed with the letter of 01 March 2002 (01.03.2002)
- ☒ the claims:
pages 26-31, as originally filed
pages 26,30 and 31, as amended (together with any statement) under Article 19
pages Non, filed with the demand
pages Non, filed with the letter of 01 March 2002 (01.03.2002)
- ☒ the drawings:
pages 1-8, as originally filed
pages Non, filed with the demand
pages Non, filed with the letter of 01 March 2002 (01.03.2002)
- ☒ the sequence listing part of the description:
pages 1-12, as originally filed
pages 13, filed with the demand
pages NONE, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages NONE
- ☐ the claims, Nos. NONE
- ☐ the drawings, sheets/fig NONE

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US04/07806

II. Priority

1. ☐ This report has been established as if no priority has been claimed due to the failure to furnish within the prescribed time limit the requested:
- ☐ copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - ☐ translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. ☒ This report has been established as if no priority has been claimed due to the fact that the priority claim has been found invalid (Rule 64.1).

Thus for the purposes of this report, the international filing date indicated above is considered to be the relevant date.

3. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US04/07806**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. STATEMENT**

Novelty (N)

Claims 1-20 YESClaims NONE NO

Inventive Step (IS)

Claims 1-20 YESClaims NONE NO

Industrial Applicability (IA)

Claims 1-20 YESClaims NONE NO**2. CITATIONS AND EXPLANATIONS**

Claim 1-20 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a method for enabling a client terminal to access a wireless network comprising: activating, in response to the information received from the client terminal, a software module that reconfigures that client terminal for authentication using appropriate parameters associated with a configuration arrangement selected by a user, would not have been obvious over, nor otherwise fairly disclosed by the prior art of record.

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We claim:

1. A method for enabling a client terminal to access a wireless network, comprising the steps of:

- 5 receiving an access request from the client terminal;
redirecting the access request to a local web server; requesting from the client terminal, information required to establish client terminal access to the wireless network;
activating, in response to the information received from the client terminal, a software module that reconfigures the client terminal for authentication using appropriate parameters associated with a configuration arrangement selected by a user; and
10 authenticating the reconfigured client terminal and allowing access to the wireless network in response to the authentication.

15 2. The method according to claim 1, wherein the wireless network is an IEEE 802.11 compliant wireless local area network (WLAN), and the client terminal is an IEEE 802.1x compliant client terminal.

20 3. The method according to claim 2, wherein the activating step comprises activating an Active X control/plugin previously installed on the client terminal.

4. The method according to claim 2, wherein the activating step comprises downloading to, and activating in, the client terminal an Active X control/plugin.

25 5. An access point for providing a secure communications session between a client terminal and a wireless network, comprising: a means for receiving an access request from the terminal; a means for redirecting the access request to a local web server for allowing a reconfigured access to the wireless network, means for activating, in response to the information received from the client terminal, a software module that reconfigures the client terminal for authentication using appropriate parameters associated with a configuration

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arrangement selected by a user; and means for authenticating the reconfigured client terminal and allowing access to the wireless network in response to the authentication.

6. The access point according to claim 5, wherein the access point complies with the IEEE 802.11 standards and the client terminal is an IEEE 802.1x compliant client terminal.
7. A method for configuring a client terminal to provide secure access in a wireless network, comprising the steps of:
filtering traffic associated with an HTTP request from the client terminal for access to the wireless network,
redirecting the request to a designated web server, and
issuing a request from the designated web server to the client terminal for information required to establish an authorized communication.
8. The method according to claim 7, wherein the wireless network is an IEEE 802.11 compliant wireless local area network (WLAN) and the client terminal is an IEEE 802.1x compliant client terminal.
9. The method according to claim 8, further comprising the step of the client terminal providing the web server information required to establish an authorized connection.
10. The method according to claim 8, further comprising the step of receiving from the web server and communicating to the client terminal access rate information required to establish an authorized communication.
11. The method according to claim 8, further comprising the step of receiving from the web server and communicating to the client terminal access user account creation information required to establish an authorized communication.

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12. (Currently Amended) The method according to claim 8, further comprising the step of receiving from the web server and communicating to the client terminal access authentication method selection information required to establish an authorized communication.

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13. The method according to claim 8, further comprising the step of receiving from the web server and communicating to the client terminal new account creation information required to establish an authorized communication.

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14. The method according to claim 8, further comprising the step of receiving from the web server and communicating to the client terminal access user terms and conditions of acceptance information required to establish an authorized communication.

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15. The method according to claim 8, further comprising the step of receiving from the client terminal and communicating to the web server access rate information required to establish an authorized communication.

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16. The method according to claim 8, further comprising the step of receiving from the client terminal and communicating to the web server user account creation data required to establish an authorized communication.

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17. The method according to claim 8, further comprising the step of receiving from the client terminal and communicating to the web server user access authentication method selection information required to establish an authorized communication.

18. The method according to claim 8, further comprising the step of receiving from the client terminal and communicating to the web server acceptance of the user access terms and conditions required to establish an authorized communication.

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19. The method according to claim 8, whereby the browser program is an ActiveX control.

20. The method according to claim 8, whereby the browser program is a plug-in.

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